

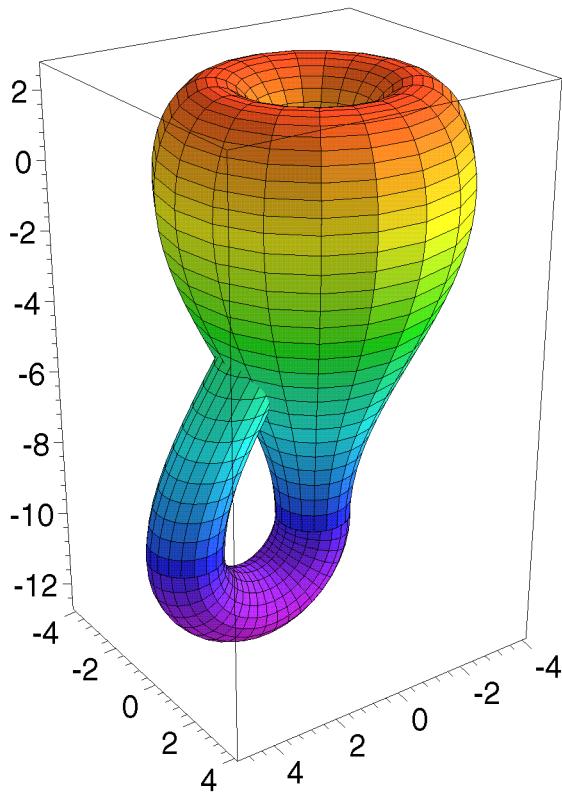
```

kleinpoints := proc()
local bottom, middle, handle, top, p, q;
top := [(2.5 + 1.5*cos(v))*cos(u), (2.5 + 1.5*cos(v))*sin(u), -2.5*sin(v)];
middle := [(2.5 + 1.5*cos(v))*cos(u), (2.5 + 1.5*cos(v))*sin(u), 3*v - 6*pi];
handle := [2 - 2*cos(v) + sin(u), cos(u), 3*v - 6*pi];
bottom := [2 + (2 + cos(u))*cos(v), sin(u), -3*pi + (2 + cos(u))*sin(v)];
p := plot3d({bottom, middle, handle, top}, u = 0 .. 2*pi, v = pi .. 2*pi, grid = [20, 20]);
p := select(x → op(0, x) = MESH, [op(p)]);
seq(convert(q, POLYGONS), q = p)
end

```

$P := \text{proc}(\theta) \text{plots}[display](\text{kleinpoints}(\theta), \text{scaling} = \text{constrained}, \text{orientation} = [\theta, 65]) \text{end}$

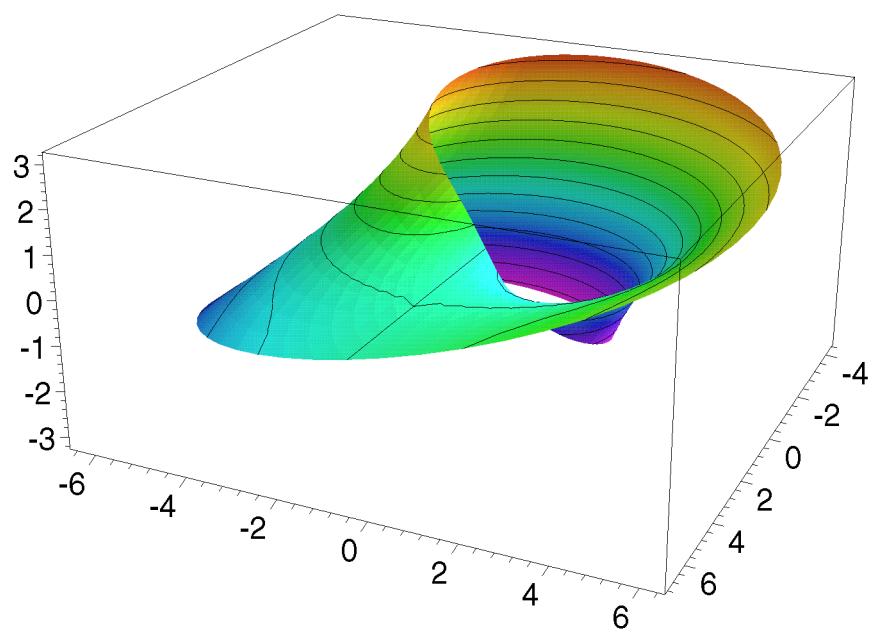
P(55)



```

plot3d([4 + x cos(y/2), x sin(y/2)], x = -pi .. pi, y = -0 .. 2*pi, coords = cylindrical, style = patchcontour,
grid = [10, 60], orientation = [25, 68], scaling = constrained)

```



[ ?